

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| L1 | 13 | "5696837".pn." ,5383852" .pn." ,20050107808" .pn." ,5417210" .pn." ,6425865" .pn." ,6246200" .pn." ,6441577" .pn." ,5657429" .pn." ,5637090" .pn." ,20040254566" .pn." ,6246898" .pn." ,6123699" .pn." ,5808665".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 09:40 |
| L2 | 13 | I1 and (position or sensor or track\$4 or trackable or distal or tip or catheter or probe or endoscope or degree or freedom or six or multiple or plurality or rotate or rotating or rotated or rotatable or pivot\$4 or robot\$3 or robotically or controller or thumb or control or servomechanism or display or image or iamging or hand or input or signal or receive or deflect\$4 or roll or pitch or three or handle or end-effector or orientation or oreint\$4 or steerable or steer \$4 or motion or turn\$4 or twist\$4 or bend\$4 or bendable or eject or giggle or vibrate or yawn or dimension or x or y or z or axis) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 09:47 |
| L3 | 6 | I1 and (deflect\$4 or deflectable) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 09:49 |
| L4 | 1 | ("20070062546").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/09 09:54 |

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|-----|------|--|------------------------|----|-----|------------------|
| L6 | 13 | l1 and (position or sensor or track\$4 or trackable or distal or tip or catheter or probe or endoscope or degree or freedom or six or multiple or plurality or rotate or rotating or rotated or rotatable or pivot\$4 or robot\$3 or robotically or controller or thumb or control or servomechanism or display or image or imaging or hand or input or signal or receive or deflect\$4 or roll or pitch or three or handle or end-effector or orientation or orient\$4 or steerable or steer \$4 or motion or turn\$4 or twist\$4 or bend\$4 or bendable or eject or giggle or vibrate or yawn or dimension or x or y or z or axis) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 09:55 |
| L7 | 7 | l1 and (bend\$4 or bendable or giggle) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 09:56 |
| L8 | 0 | (position with sensor with tip with catheter with distal) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 10:29 |
| L9 | 115 | (position with sensor with tip with catheter with distal) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 10:29 |
| L10 | 9267 | thumb with control | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 10:30 |
| L11 | 5 | l9 and l10 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/09 10:30 |
| S1 | 1 | ("7052455").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 13:47 |
| S2 | 1 | ("7025064").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 12:41 |
| S3 | 1 | ("6400980").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 12:41 |
| S4 | 1 | ("6327492").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 12:42 |
| S5 | 1 | ("6162171").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 13:40 |
| S6 | 1 | ("5368015").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 13:44 |
| S7 | 1 | S5 and ("endoscope" or "catheter") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:41 |
| S8 | 0 | S7 and thumb | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:42 |
| S9 | 1 | S7 and degrees | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:42 |

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|-----|-----|------------------------------------|---|----|-----|------------------|
| S10 | 1 | S6 and ("endoscope" or "catheter") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:44 |
| S11 | 1 | S10 and degrees | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:45 |
| S12 | 1 | S11 and robo\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:46 |
| S13 | 0 | S12 and six | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:46 |
| S14 | 0 | S12 and three | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:46 |
| S15 | 1 | S1 and ("endoscope" or "catheter") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:47 |
| S16 | 1 | S15 and robo\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:47 |
| S17 | 1 | S16 and degrees | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:56 |
| S18 | 0 | S17 and six | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:47 |
| S19 | 0 | S17 and thumb | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:48 |
| S20 | 0 | S12 and thumb | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 13:48 |
| S21 | 53 | (600/145).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 13:56 |
| S22 | 59 | (600/145).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/08/08 13:57 |
| S23 | 344 | (600/146).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/08/08 14:18 |
| S24 | 124 | (600/152).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/08/08 15:03 |
| S25 | 283 | S23 not S24 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 14:19 |
| S26 | 269 | S25 not S22 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 17:28 |
| S27 | 14 | S26 and robo\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 14:50 |

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|-----|----|--|--------------------|----|----|---------------------|
| S28 | 31 | (US-20050080429-\$ or US-20020183592-\$ or US-20050215859-\$ or US-20050187538-\$ or US-20050090709-\$ or US-20040193016-\$ or US-20030195389-\$ or US-20030023142-\$ or US-20030018237-\$ or US-20020062062-\$ or US-20020022765-\$).did. or (US-7052455-\$ or US-5368015-\$ or US-6162171-\$ or US-7087013-\$ or US-6846286-\$ or US-6835173-\$ or US-6770027-\$ or US-6745065-\$ or US-6203493-\$ or US-5492131-\$ or US-4340302-\$ or US-4277168-\$ or US-7066880-\$ or US-6997870-\$ or US-6899673-\$ or US-6752758-\$ or US-6554766-\$ or US-5624380-\$ or US-5275151-\$ or US-5168864-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/08/08 14:51 |
| S29 | 7 | S28 and robo\$5 | US-PGPUB; USPAT | OR | ON | 2006/08/08 14:51 |
| S30 | 36 | (US-20050080429-\$ or US-20020183592-\$ or US-20050215859-\$ or US-20050187538-\$ or US-20050090709-\$ or US-20040193016-\$ or US-20030195389-\$ or US-20030023142-\$ or US-20030018237-\$ or US-20020062062-\$ or US-20020022765-\$ or US-20030069475-\$ or US-20030069474-\$).did. or (US-7052455-\$ or US-5368015-\$ or US-6162171-\$ or US-7087013-\$ or US-6846286-\$ or US-6835173-\$ or US-6770027-\$ or US-6745065-\$ or US-6203493-\$ or US-5492131-\$ or US-4340302-\$ or US-4277168-\$ or US-7066880-\$ or US-6997870-\$ or US-6899673-\$ or US-6752758-\$ or US-6554766-\$ or US-5624380-\$ or US-5275151-\$ or US-5168864-\$ or US-6875170-\$ or US-4941454-\$ or US-4906230-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/08/08 15:19 |

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|-----|----|--|------------------------|----|-----|------------------|
| S31 | 0 | S30 and ("robo\$5" or "servomechan\$5") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 15:20 |
| S32 | 10 | S30 and robo\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 16:31 |
| S33 | 10 | S30 and servo\$9 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 16:35 |
| S34 | 5 | S32 not S33 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 15:23 |
| S35 | 5 | S33 not S32 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 15:23 |
| S36 | 2 | S33 and thumb | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 16:31 |
| S37 | 1 | S30 and ("surgical" with "system") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 16:36 |
| S38 | 19 | S30 and ("surgical") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 16:59 |
| S39 | 10 | S32 and distal | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 16:59 |
| S40 | 14 | S26 and robo\$6 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/08 17:45 |
| S41 | 1 | ("5759151").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 17:45 |
| S42 | 1 | ("6162171").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 17:46 |
| S43 | 1 | ("6770027").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 17:46 |
| S44 | 1 | ("5624380").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 17:47 |
| S45 | 1 | ("5624380").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 17:48 |
| S46 | 1 | ("6752758").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 17:49 |
| S47 | 1 | ("6835173").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 17:49 |
| S48 | 1 | ("7025064").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 17:49 |
| S49 | 1 | ("20050182298").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 17:50 |
| S50 | 1 | ("6221070").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/08 17:50 |
| S51 | 10 | (US-20050182298-\$).did. or (US-5759151-\$ or US-6162171-\$ or US-6770027-\$ or US-5624380-\$ or US-5368015-\$ or US-6752758-\$ or US-6835173-\$ or US-7025064-\$ or US-6221070-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/08/08 17:50 |

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|-----|--------|--|-----------------|----|----|------------------|
| S52 | 10 | (US-20050182298-\$).did. or (US-5759151-\$ or US-6162171-\$ or US-6770027-\$ or US-5624380-\$ or US-5368015-\$ or US-6752758-\$ or US-6835173-\$ or US-7025064-\$ or US-6221070-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:34 |
| S53 | 3 | S52 and ("position" with "sensor") | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:38 |
| S54 | 6 | S52 and ("sensor") | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:42 |
| S55 | 10 | S52 and ("position") | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:48 |
| S56 | 329970 | catheter or endoscop\$3 or probe | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:49 |
| S57 | 80948 | robot\$3 | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:50 |
| S58 | 74897 | thumb | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:50 |
| S59 | 214035 | (distal adj (tip or end)) | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:50 |
| S60 | 95462 | position near sens\$3 | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:52 |
| S61 | 54533 | S56 and S59 | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:52 |
| S62 | 6753 | S59 and S60 | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:53 |
| S63 | 2169 | S62 and S56 | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:53 |
| S64 | 370 | S63 and S57 | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:53 |
| S65 | 71 | S64 and S58 | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:54 |
| S66 | 68 | S65 and six | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:56 |
| S67 | 47 | S60 near S59 | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:56 |
| S68 | 43 | S67 and S56 | US-PGPUB; USPAT | OR | ON | 2006/08/09 11:00 |
| S69 | 1 | S68 and S58 | US-PGPUB; USPAT | OR | ON | 2006/08/09 10:57 |

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|-----|--------|--|---------------------------|----|-----|---------------------|
| S70 | 54 | ("4273111" "4286585" "4499895" "4503842" "4543090" "4601705" "4753223" "4790624" "4846573" "4884557" "4899731" "4930494" "4977886" "4987314" "5090956" "5188111" "5239982" "5250167" "5268082" "5337732" "5347987" "5368015" "5389222" "5396879" "5431645" "5482029" "5486182" "5492131" "5535759" "5556370" "5556700" "5624380" "5631040" "5645520" "5651366" "5662587" "5771902" "5819749" "5855565" "5857962" "5873817" "5906591" "5916146" "5957833" "6071234" "6109852" "6117296" "6162171" "6249076" "6428470" "6468203" "6514237" "6547723" "6679836").PN. OR ("6997870").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/09 12:59 |
| S71 | 345100 | catheter or endoscop\$4 or probe | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 14:49 |
| S72 | 24263 | S71 and (robot\$4 or servo\$9) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 14:50 |
| S73 | 21797 | S72 and (control near distal (tip or end)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 14:51 |
| S74 | 825 | S73 and (end adj effector) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 14:52 |
| S75 | 2 | S74 and (thumb near control \$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 16:37 |
| S76 | 298 | S74 and (position near sens \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 16:35 |
| S77 | 1 | ("5792165").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 16:43 |
| S78 | 1 | S77 and thumb | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 16:40 |
| S79 | 0 | S78 and robot\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 16:40 |
| S80 | 0 | S77 and robot\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 16:40 |
| S81 | 1 | S77 and servo\$9 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 16:41 |
| S82 | 0 | S77 and (position adj sensor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 16:41 |

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|-----|----|--|------------------------|----|----|------------------|
| S83 | 0 | S77 and (position near sensor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 16:42 |
| S84 | 0 | S77 and (position near sens \$6) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 16:42 |
| S85 | 43 | S76 and thumb | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 16:44 |
| S86 | 36 | S85 and six | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 16:44 |
| S87 | 63 | ("3100489" "3460539" "3920021" "3924608" "3987795" "4016881" "4074718" "4232676" "4401952" "4418692" "4622966" "4628928" "4638799" "4705038" "4708578" "4740126" "4763669" "4765331" "4792173" "4802476" "4815463" "4837734" "4848338" "4865376" "4870964" "4880015" "4936842" "4955918" "4986723" "5007908" "5020388" "5020535" "5049148" "5054332" "5059203" "5064340" "5077506" "5080682" "5094247" "5100284" "5174300" "5209747" "5251611" "5312391" "5313306" "5330502" "5337732" "5368015" "5410638" "5417210" "5431645" "5515478" "5528955" "5545120" "5553198" "5556370" "5645520" "5649956" "5657429" "5754741" "5807376").PN. OR ("6296635").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 16:58 |
| S88 | 49 | ("3730185" "3888004" "4258716" "4320761" "4672964" "4688555" "4763669" "4838853" "4861332" "4872456" "4877026" "4880015" "4940468" "4978333" "4986825" "5024652" "5026387" "5112299" "5133736" "5174300" "5176697" "5209747" "5224954" "5254130" "5258007" "5275615" "5281220" "5282806" "5282807" "5282826" "5300081" "5308358" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/10 17:09 |

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|------|---|--|---------------------------|----|-----|---------------------|
| | | "5314445" "5318589" "5330502" "5350355" "5350391" "5368606" "5374277" "5383888" "5403342").PN. OR ("5792165").URPN. | | | | |
| S89 | 1 | ("6083170").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:10 |
| S90 | 1 | ("5492131").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:12 |
| S91 | 1 | ("6210407").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:12 |
| S92 | 1 | ("6066125").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:13 |
| S93 | 1 | ("6123699").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:14 |
| S94 | 1 | ("6183463").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:15 |
| S95 | 1 | ("6198974").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:15 |
| S96 | 1 | ("5897529").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:17 |
| S97 | 1 | ("5938603").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:20 |
| S98 | 1 | ("5964757").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:20 |
| S99 | 1 | ("6171277").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:21 |
| S100 | 1 | ("6210362").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:21 |
| S101 | 1 | ("6402719").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:22 |
| S102 | 1 | ("6165139").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:27 |
| S103 | 1 | ("6470205").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:29 |
| S104 | 1 | ("20020128636").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:32 |
| S105 | 1 | ("5078140").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:34 |
| S106 | 1 | ("6400980").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:35 |
| S107 | 1 | ("5391199").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:36 |
| S108 | 1 | ("20020087151").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/10 17:37 |

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|------|----|--|--------------------|----|----|---------------------|
| S109 | 51 | (US-20050182298-\$ or US-20050203382-\$ or US-20050107808-\$ or US-20050080429-\$ or US-20020183592-\$ or US-20050215859-\$ or US-20050187538-\$ or US-20050090709-\$ or US-20040193016-\$ or US-20030195389-\$ or US-20030069474-\$ or US-20030023142-\$ or US-20030018237-\$ or US-20020062062-\$ or US-20020022765-\$ or US-20030069475-\$).did. or (US-5368015-\$ or US-7025064-\$ or US-6162171-\$ or US-6835173-\$ or US-6770027-\$ or US-5759151-\$ or US-6752758-\$ or US-6221070-\$ or US-5624380-\$ or US-5337732-\$ or US-6296635-\$ or US-5754741-\$ or US-5657429-\$ or US-4016881-\$ or US-5417210-\$ or US-5492131-\$ or US-7052455-\$ or US-6203493-\$ or US-4340302-\$ or US-6846286-\$ or US-6745065-\$ or US-4277168-\$ or US-7087013-\$ or US-6899673-\$ or US-6554766-\$ or US-5275151-\$).did. or (US-5168864-\$ or US-7066880-\$ or US-6997870-\$ or US-6679836-\$ or US-6875170-\$ or US-4941454-\$ or US-4906230-\$ or US-5906591-\$ or US-5662587-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/08/11 11:29 |
| S110 | 0 | S109 and (("end-effector" or "end" adj "effector") and ("robo\$4" or "servo\$9") and ("distal" with (tip or end)) and (thumb) and ("position" near "sens\$5")) | US-PGPUB; USPAT | OR | ON | 2006/08/11 11:34 |
| S111 | 0 | S109 and (("end-effector" or "end" adj "effector") and ("robo\$4" or "servo\$9") and ("distal" with (tip or end)) and ("position" near "sens \$5")) | US-PGPUB; USPAT | OR | ON | 2006/08/11 11:35 |
| S112 | 8 | S109 and ("end-effector" or "end" adj "effector") | US-PGPUB; USPAT | OR | ON | 2006/08/11 11:37 |
| S113 | 0 | S109 and ("robo\$5" or "servo\$9" or "automatic\$5") | US-PGPUB; USPAT | OR | ON | 2006/08/11 11:38 |

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|------|----|--|------------------------|----|-----|------------------|
| S114 | 24 | S109 and (robo\$5 or "servo \$9") | US-PGPUB; USPAT | OR | ON | 2006/08/11 11:42 |
| S115 | 4 | S114 and thumb | US-PGPUB; USPAT | OR | ON | 2006/08/11 11:42 |
| S116 | 11 | S109 and thumb | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 13:16 |
| S117 | 0 | S109 and ("position" near "sens\$5") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 13:17 |
| S118 | 16 | S109 and ("position" near "sensor") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 13:48 |
| S119 | 37 | S109 and ("degree") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 13:48 |
| S120 | 4 | S109 and ("degree" with "six") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 13:49 |
| S121 | 4 | S109 and ("degree" with "multiple") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:13 |
| S122 | 24 | S109 and ("joystick") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:26 |
| S123 | 8 | S109 and ("end-effector" or "end" adj "effector") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:27 |
| S124 | 2 | S109 and ("end-effector") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:27 |
| S125 | 8 | S109 and ("end" adj "effector") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:30 |
| S126 | 0 | S109 and ("deflec\$5" with ("tip" or "end")) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:32 |
| S127 | 0 | S109 and ((deflec\$5") with ("tip" or "end")) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:32 |
| S128 | 0 | S109 and ((deflect\$5") with ("tip" or "end")) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:32 |
| S129 | 0 | S109 and ((deflect\$5") near ("tip" or "end")) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:33 |
| S130 | 0 | S109 and ((deflect\$5") near ("tip")) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:34 |
| S131 | 0 | S109 and ("deflect\$5") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:34 |
| S132 | 17 | S109 and (deflect) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:48 |
| S133 | 1 | ("7025064").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 14:49 |
| S134 | 1 | S133 and handle | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:49 |
| S135 | 24 | S109 and handle | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 14:57 |
| S136 | 0 | ("US6835173B2").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 14:57 |
| S137 | 1 | ("6835173").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 14:58 |

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| S138 | 1 | ("6770027").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 14:58 |
| S139 | 1 | ("20050107808").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 15:11 |
| S140 | 1 | ("6296635").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 15:11 |
| S141 | 1 | ("5754741").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 15:12 |
| S142 | 1 | ("5657429").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 15:12 |
| S143 | 1 | ("5417210").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 15:13 |
| S144 | 1 | ("7052455").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 15:13 |
| S145 | 1 | ("20030069474").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 15:13 |
| S146 | 1 | ("6997870").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 15:14 |
| S147 | 0 | ("US6679836B2").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 15:14 |
| S148 | 1 | ("6679836").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 18:01 |
| S149 | 1 | ("6837883").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 18:01 |
| S150 | 1 | S149 and thumb | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/11 18:02 |
| S151 | 1 | ("6659939").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 18:03 |
| S152 | 1 | ("5808665").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 18:03 |
| S153 | 1 | ("7074179").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/11 18:03 |
| S154 | 1 | ("6679836").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/14 08:48 |
| S155 | 1 | ("6425865").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/17 10:53 |
| S156 | 1 | ("5798627").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/17 10:54 |
| S157 | 0 | ("66955786").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/17 10:54 |
| S158 | 1 | ("6695786").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/17 10:57 |
| S159 | 1 | ("6673021").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/17 10:57 |
| S160 | 1 | ("6441577").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/21 10:06 |
| S161 | 1 | ("5876345").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/21 11:19 |

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| S162 | 0 | S160 and tracking | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 10:06 |
| S163 | 1 | S160 and position | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 10:07 |
| S164 | 1 | S163 and signal | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 10:07 |
| S165 | 1 | S164 and track | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 10:14 |
| S166 | 1 | S161 and position | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 10:14 |
| S167 | 1 | S161 and (position with sensor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 10:15 |
| S168 | 1 | S167 and rotate | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 10:56 |
| S169 | 0 | S168 and deflect | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 10:16 |
| S170 | 0 | S168 and deflec\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 10:16 |
| S171 | 1 | ("5954654").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/21 11:17 |
| S172 | 0 | S171 and deflect | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:00 |
| S173 | 0 | S171 and (position with sensor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:01 |
| S174 | 1 | S171 and (position) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:05 |
| S175 | 0 | S174 and (deflection) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:13 |
| S176 | 1 | "6123699".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:13 |
| S177 | 1 | S176 and deflec\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:13 |
| S178 | 208844 | S177 an dposition | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:14 |
| S179 | 1 | S177 and position | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:14 |
| S180 | 0 | S179 and (position with sensor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:14 |
| S181 | 0 | S179 and (sensor) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:14 |
| S182 | 1 | S161 and sector | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:29 |
| S183 | 0 | S161 and (sector with format) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:19 |
| S184 | 1 | "5571085".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:30 |
| S185 | 1 | "5395329".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/21 11:30 |

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| S186 | 53 | ("5876345").URPN. | USPAT | OR | ON | 2006/08/21 11:32 |
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